



National Park Service
U.S. Department of the Interior

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National Park Service News Release

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2004 Canon National Parks Science Scholars Announced

WASHINGTON, D.C. --- The 2004 Canon National Parks Science Scholars were announced today in Washington, D.C.. Eight new Ph.D. students were each awarded the prestigious US\$78,000 scholarship, and 4 students received Honorable Mention Awards of US\$1,000. This year's recipients include students studying in Canada, the United States, and Argentina. A description of the students and their projects is attached.

By providing support to Ph.D. students, the Canon National Parks Science Scholars Program is helping to develop the next generation of scientists working in the fields of conservation, environmental science, and national park management. The scholarship program is a collaboration among Canon U.S.A., Inc.; the American Association for the Advancement of Science (AAAS); and the National Park Service (NPS).

National Park Service Director Fran Mainella also announced the commencement of the 2005 Canon National Parks Science Scholars Program competition. Details of the 2005 competition are available at (www.nature.nps.gov/canonscholarships/).

“The Canon National Parks Science Scholars Program is one of the most exciting programs our agency is privileged to be a part of,” said Director Mainella. “This valued partnership, consisting of students, universities, Canon U.S.A. Inc., the AAAS, and the NPS provides a wonderful opportunity to recognize these young scientists. I look forward every year to learning about the exciting research projects they are working on. The research they conduct is vital to the preservation and understanding of national park resources. It is my privilege to announce the 2004 Canon Scholars and the opening of the 2005 scholarship competition.”

Established in 1997, the program expanded internationally in 2002 to include the United States, Canada, Mexico, the countries of Central and South America, and the countries of the Caribbean. Canon National Parks Science Scholars have conducted research in over 50 national parks, and published and presented over 75 scientific articles and presentations.

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The expanded program annually awards eight individual scholarships, totaling US\$624,000, to Ph.D. students from throughout the Americas. Scholars are selected from the disciplines of biological sciences, physical sciences, social/cultural sciences and technology innovation in support of conservation science. A panel of international scientists is convened by the AAAS to review student proposals and select the award winners. The scholarships provide these students with resources to conduct research critical to conserving the national parks of the Americas.

“As a global leader in environmentally conscious management and technological innovation, we value the importance of scientific exploration and the protection of the global environment,” said Kinya Uchida, president and CEO, Canon U.S.A., Inc. “We are proud to be a founder of this unique scholarship program. The work accomplished by all these outstanding students and their important findings will benefit our world and its citizens for generations.”

"Canon's loyal support of the National Park Service Science Scholars Program exemplifies its dedication to park preservation and the investment required to develop the qualified research scientists who are necessary to ensure that the national parks of all the Americas remain protected," said Dr. Alan I. Leshner, CEO of AAAS and executive publisher of the journal *Science*. "We are delighted to be a part of this effort as it enters its eighth year."

Canon U.S.A.'s commitment to the Canon National Parks Science Scholars Program totals to date more than eight million dollars. Since 1990, the company's environmental philanthropy has exceeded \$30 million, establishing Canon as one of the largest corporate supporters of environmental education and conservation. Canon U.S.A., Inc., a subsidiary of Canon Inc. (NYSE:CAJ), delivers consumer, business-to-business, and industrial imaging solutions. Canon is a global leader in sustainable development and is committed to the protection of the global environment.

The American Association for the Advancement of Science is the world's largest general scientific organization. It is a nonprofit professional society dedicated to fostering scientific freedom and responsibility, improving the effectiveness of science in the promotion of human welfare, advancing education in science, and increasing the public's understanding and appreciation of the promise of scientific methods in human progress.

The National Park Service's mission statement is to preserve roughly 83 million acres in 388 national parks for the enjoyment of future generations. Their duty is honorable, extraordinary, complex and technical. The variety, scope, and size of the parks managed by the NPS require scientific knowledge and expertise in biodiversity and natural resource management.

For more information about the program contact Dr. Gary Machlis, Program Coordinator, Canon National Parks Science Scholars Program, Natural Resource Stewardship and Science, National Park Service, 1849 C Street, NW, MIB-3130, Washington, D.C. 20240; telephone: (202) 208-5391; or email: gmachlis@uidaho.edu.

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2004 Canon National Parks Science Scholars



Douglas Clark from Victoria, British Columbia, Canada is a student at Wilfrid Laurier University, Ontario (Canada). Douglas is studying societal dynamics in grizzly bear conservation. His study aims to better understand how social and cultural context influence the implementation of grizzly bear conservation policies. He will conduct his research in Jasper National Park (Alberta), Kluane National Park (Yukon), Ivvavik National Park (Yukon), and the community of Baker Lake, Nunavut.



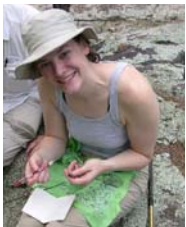
Suzanne Cox Griffen from Missoula, Montana is a student at the University of Montana, Montana (USA). Suzanne is studying the genetics and population dynamics of the Olympic marmot in Olympic National Park (Washington). Her research explores the influence of landscape composition and structure on movement of Olympic marmots. In collaboration with park personnel, she will develop a marmot monitoring and management program.



Carolyn Finney from Mamaroneck, New York is a student at Clark University, Massachusetts (USA). Carolyn is studying how the attitudes and perceptions of African-Americans inform how African-Americans participate in the use and management of national parks. Her research will be conducted primarily in communities near the Everglades National Park, Biscayne National Park, and Big Cypress National Park and Preserve in South Florida.



Emily Gonzales from Victoria, British Columbia, Canada is a student at the University of British Columbia, British Columbia (Canada). Emily is studying the relative influence of herbivory and exotic grass competition in Garry oak ecosystems. She will be developing baseline data for Canada's newest park, the Gulf Islands National Park Reserve (Straight of Georgia in British Columbia), which will help preserve and restore Garry oak ecosystems in the park.



Jennifer Neuwald from Frederick, Maryland is a student at Washington University in St. Louis, Missouri (USA). Jennifer is studying the effects of fire suppression on the collared lizard in the Ozark National Scenic Riverway (Missouri). Her research will help contribute to the understanding of how prescribed forest fires can help maintain genetic and biological diversity.



Barbara Pickup from Tulsa, Oklahoma is a student at the University of Arkansas, Arkansas (USA). Barbara is studying shoreline change at Yellowstone National Park (Wyoming). Her study will contribute to the understanding of the physical processes at work reshaping and changing the shoreline of the lake, which will help predict areas susceptible to erosion.



Daniel Sayers from Plymouth, Michigan is a student at the College of William and Mary, Virginia (USA). Daniel is conducting his research at the Great Dismal Swamp National Wildlife Refuge (Virginia and North Carolina), which is a member of the National Park Service's Underground Railroad Network to Freedom Program. His research will provide much needed insight into Underground Railroad site locations within the refuge, as well as historical information directly relevant to the conservation and interpretation of these unique sites associated with the Underground Railroad and African-American history.



Laura Triplett from Minneapolis, Minnesota is a student at the University of Minnesota, Minnesota (USA). She is studying specific pollutant sources and regional trends impacting the St. Croix National Scenic Riverway (Minnesota and Wisconsin). Her research will help Riverway managers and supporters understand which pollutant sources are most damaging to the St. Croix's health, and can aid in understanding how best to distribute limited resources in order to maximize the protection of the river system.

2004 Honorable Mention Awards

The following students received an Honorable Mention Award of US\$1,000 each:

- **Leonardo Buria**, Universidad Nacional del Comahue (Argentina)
- **Anita Morzillo**, Michigan State University (USA)
- **Gervasio Piñeiro Guerra**, Universidad de Buenos Aires (Argentina)
- **Joleen Timko**, University of British Columbia (Canada)